



apexium

CATALOGUE



The smartphone screen displays the following data:

Battery Type		Battery Capacity		Battery Temperature	
LFP	280.0Ah	280.0Ah	100.0%	30.0°C	30.0°C
Pack Voltage		Number Of Cells		Power	
52.84V		2		52.84V	
Min Voltage	Min Voltage	Min Temperature	Min Temperature	Power	Power
3.301V	3.300V	36.9°C	36.7°C	52.84V	52.84V

The laptop screen displays the following data:

Battery Information		Temperature Information	
Remaining Capacity	280.0Ah	Battery Temp1	30.0°C
Total Capacity	280.0Ah	Battery Temp2	30.0°C
SOX	50.0	Battery Temp3	30.0°C

ABOUT APEXIU



Anzhi electronic was founded in September 2010, located in Dongguan China. We focus on the research and development, production and sales for new Energy Lithium battery.

Our main products are 12V 24V and 48V battery pack, BMS and lithium iron phosphate cells. Our products are mainly used in home energy storage, electric vehicles, emergency power supplies, electric forklifts and other application markets.

We have a sales team with more than 14 years of experience and are committed to providing customers with professional, high-quality and fast service.

We have set up overseas warehouses in Europe, USA and South Africa.

<https://www.apexiummall.com/>

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GERMANY



SOUTH AFRICA

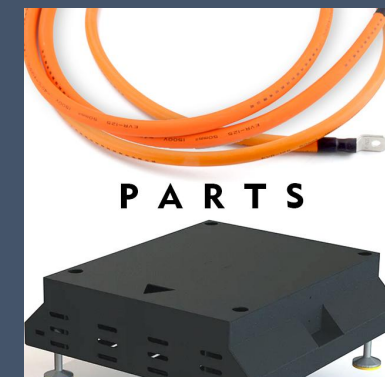
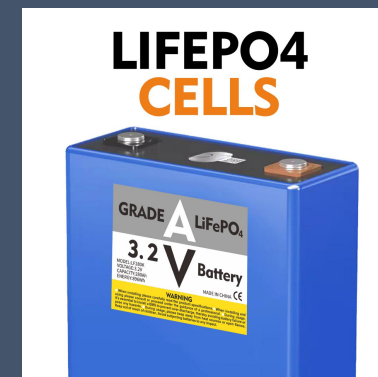
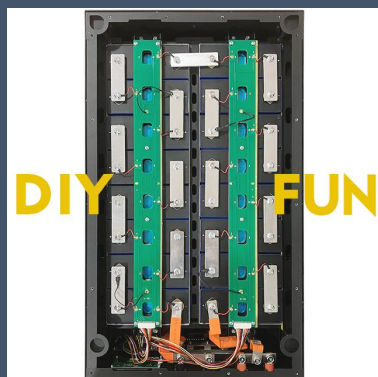


USA



DONGGUAN

Welcome to join Apexium

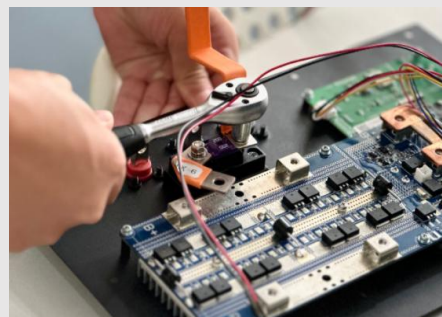


51.2V STACKABLE DIY SERIES



Model	DIY 51.2V 105 kits	DIY 51.2V 230 kits	DIY 51.2V 280/304 kits
Voltage	51.2V (16S)	51.2V (16S)	51.2V (16S)
Box size	460*350*223(mm)	600*440*251(mm)	750*440*251(mm)
Box weight	13Kg	20.5Kg	23.6Kg
BMS	Apex 16S1P-100A	Apex 16S1P-200A	Apex 16S1P-200A
Feature	Max 15sets in parallel / Communication inverters / LCD display / RS485, CAN, Bluetooth		

	105	230	280
1-10 pcs	\$350	\$410	\$420
11-50pcs	\$340	\$390	\$400
51-100pcs	\$320	\$370	\$380



Installation video: <https://www.youtube.com/watch?v=ag0Y4w5-iQQ&t=560s>

51.2V STAND DIY SERIES



Model	DIY 230 Stand V1	DIY 280/304 Stand V1	DIY 280/304 Stand V2
Size	725×415×266(mm)	875×415×266(mm)	930×460×308(mm)
Voltage	51.2V (16S)	51.2V (16S)	51.2V (16S)
Weight	20Kg	26Kg	38Kg
BMS	Apex 16S1P-100A	Apex 16S1P-200A	Apex 16S1P-200A
Feature	Max 15pcs in parallel / Communication inverters / LCD display / RS485, CAN, Bluetooth		
1-10pcs	\$430	\$440	\$480
11-50pcs	\$400	\$410	\$450
51-100pcs	\$390	\$400	\$430

OTHER DIY SERIES



Model	DIY 280/304 JK version	DIY 280/304 Stackable
Voltage	51.2V (16S)	25.6V (8S)
Size	460*350*223(mm)	437×440×251(mm)
Weight	23.6Kg	15Kg
BMS	JK-PB2A16S20P	Apex 8S1P-100A
Feature	4.3 inch touch screen / Communication inverters / RS485, CAN, Bluetooth, 2A Active equalization	Max 15pcs in parallel / Communication inverters / LCD display / RS485, CAN, Bluetooth
1-10pcs	\$435	\$440
11-50pcs	\$415	\$410
51-100pcs	\$395	\$400

BATTERY PACK 12V/24V/48V SERIES



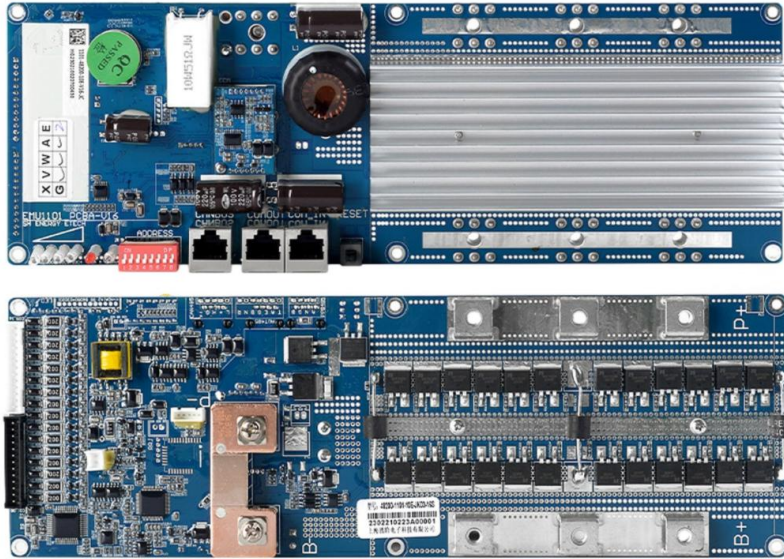
	51.2V 100Ah 5Kwh Rack mounted	16S1P- 3.2V 100Ah cells PACE 100A BMS 16S1P-100Ah cells Max 15pcs in parallel Cycle: 5000 times, DOD 80% RS485,RS232,CAN 44.2×47×15.5cm weight: 48kg	1-10pcs	\$700
			11-50pcs	\$660
			51-100pcs	\$620
	51.2V 200Ah 10Kwh Rack mounted	16S2P- 3.2V 100Ah cells PACE 16S 200A BMS Max 15pcs in parallel Cycle: 5000 times, DOD 80% RS485,RS232,CAN Size: 53×48.2×22.2cm weight: 90kg	1-10pcs	\$1200
			11-50pcs	\$1150
			51-100pcs	\$1100
	51.2V 100Ah 5Kwh Wall mounted	16S1P- 3.2V 100Ah cells PACE 16S 100A BMS Max 15pcs in parallel Cycle: 5000 times, DOD 80% RS485,CAN Size: 44.2×47×15.5cm Weight: 48kg	1-10pcs	\$800
			11-50pcs	\$760
			51-100pcs	\$720
	51.2V 100Ah 5Kwh stackable	16S1P- 3.2V 100Ah cells PACE 16S 100A BMS Max 15pcs in parallel Cycle: 5000 times, DOD 80% RS485,CAN Size: 660×450×180(mm) Weight: 48Kg	1-10pcs	\$800
			11-50pcs	\$760
			51-100pcs	\$720

	51.2V 105Ah 5Kwh stackable battery pack	16S1P- 3.2V 105Ah cells APEX 16S 100A BMS Max 15pcs in parallel Cycle: 5000 times, DOD 80% RS485,CAN,Bluetooth Size: 460×350×223(mm) Weight: 45Kg	1-10pcs	\$1000
			11-50pcs	\$960
			51-100pcs	\$920
	51.2V 230Ah 11.7Kwh stackable battery pack	16S1P - 3.2V 230Ah cells APEX 16S 200A BMS Max 15pcs in parallel Cycle: 4000 times, DOD 80% RS485,CAN,Bluetooth Size: 600×440×251(mm) Weight: 90Kg	1-10pcs	\$1550
			11-50pcs	\$1500
			51-100pcs	\$1450
	51.2V 300Ah 15Kwh stackable battery pack	16S1P - 3.2V 310Ah cells APEX 16S 200A BMS Max 15pcs in parallel Cycle: 6000 times, DOD 80% RS485,CAN,Bluetooth Size: 750×440×251(mm) Weight: 116Kg	1-10pcs	\$1700
			11-50pcs	\$1650
			51-100pcs	\$1600
	51.2V 300Ah 15Kwh vertical battery pack	16S1P - 3.2V 310Ah cells APEX 16S 200A BMS Max 15pcs in parallel Cycle: 6000 times, DOD 80% RS485,CAN,Bluetooth Size: 817×412×267(mm) Weight: 112Kg	1-10pcs	\$1750
			11-50pcs	\$1700
			51-100pcs	\$1650

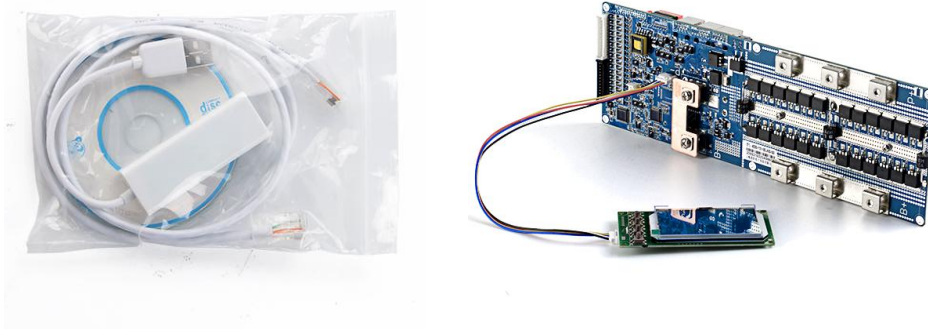
	51.2V 300Ah 15Kwh vertical battery pack	16S1P - 3.2V 310Ah cells APEX 16S 200A BMS Max 15pcs in parallel Cycle: 6000 times, DOD 80% RS485,CAN,Bluetooth Size: 930×450×300(mm) Weight: 120Kg	1-10pcs	\$1800
			11-50pcs	\$1750
			51-100pcs	\$1700
	51.2V 230Ah 11.7Kwh vertical battery pack	16S1P - 3.2V 230Ah cells APEX 16S 100A BMS Max 15pcs in parallel Cycle: 4000 times, DOD 80% RS485,CAN,Bluetooth Size: 600×440×251(mm) Weight: 90Kg	1-10pcs	\$1580
			11-50pcs	\$1530
			51-100pcs	\$1480
	51.2V 300Ah 15Kwh stackable battery pack	16S1P - 3.2V 310Ah cells JK-PB2A16S20P 200A BMS Max 15pcs in parallel Cycle: 6000 times, DOD 80% RS485,CAN,Bluetooth Size: 750×440×251(mm) Weight: 116Kg	1-10pcs	\$1720
			11-50pcs	\$1680
			51-100pcs	\$1630
	25.6V 300Ah 7.5Kwh stackable battery pack	8S1P - 3.2V 310Ah cells APEX 8S 100A BMS Max 15pcs in parallel Cycle: 6000 times, DOD 80% RS485,CAN,Bluetooth Size: 437×440×251(mm) Weight: 58Kg	1-10pcs	\$1080
			11-50pcs	\$1050
			51-100pcs	\$1010

	25.6V 100Ah 2.5Kwh All in one battery pack	8S1P - 3.2V 100Ah cells PACES 100A BMS Cycle: 3500 times, DOD 80% Built-in inverter, can be directly output Size: 395×165×323(mm) Weight: 22Kg	1-10pcs	\$680
			11-50pcs	\$630
			51-100pcs	\$600
	12V 100Ah battery pack	Rated Voltage: 12.8V Rated Capacity: 100Ah Combination: 4S1P - 3.2V 100Ah cells Communication: RS485,Bluetooth Cycle Life: >5000 times DOD 80% battery case size: 32×21×19cm weight: 12kg	1-10pcs	\$158
			11-50pcs	\$150
			51-100pcs	\$145
	12V 200Ah battery pack	Rated Voltage: 12.8V Rated Capacity: 100Ah Combination: 4S2P - 3.2V 100Ah cells Communication: RS485,Bluetooth Cycle Life: >5000 times DOD 80% battery case size: 38.7×27.8×22.4cm weight: 19.6kg	1-10pcs	\$268
			11-50pcs	\$260
			51-100pcs	\$255
	12V 300Ah battery pack	Rated Voltage: 12.8V Rated Capacity: 300Ah Combination: 4S1P - 3.2V 310Ah cells Communication: RS485,Bluetooth Cycle Life: >6000 times DOD 80% battery case size: 50×27×24cm weight: 26kg	1-10pcs	\$358
			11-50pcs	\$350
			51-100pcs	\$345

APEXIUM Smart BMS



Dimensions:300mm*100mm*30mm



Unique positive protection management design Sampling, charging and discharging with the same port design.

15/16 series compatible.

High-precision battery cell voltage sampling (error margin $\leq 5\text{mV/cell}$).

High-precision current detection ($< \pm 1\text{A}@100\text{A}$ range).

Unique SOC and SOH algorithm.

Integrated 10A current limit, active and passive modes are optional.

Two modes of charging and static balance (balance current $\leq 150\text{mA}$)

Ultra-low sleep power consumption ($< 10\mu\text{A}$).

Communication: RS485/RS232/CAN/RM485 (support 15 parallels).

Pre-charge function.

Support 0-200A charge and discharge.

Inverter: 5 in 1 CAN communication protocol.

	1-10pcs	11-50pcs	51-100pcs
16S 100A	\$118	\$113	\$103
16S 150A	\$148	\$143	\$133
16S 200A	\$188	\$183	\$173

BATTERY PARTS



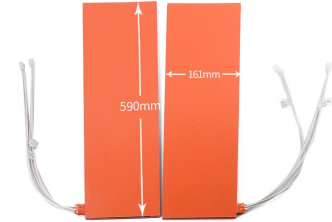
RS485 connector
\$20



Parallel cables
\$46/pair



Inverter cables
\$70/pair



Heating pad
\$60/pair



280 box base
\$100



230 box base
\$95



Battery Terminals
\$20/pair



Battery plug
\$20/pair

Grade A+
3.2V Lifepo4 cells



Model	Capacity	Voltage	IR	Cycles	Size(mm)	Weight	Stocks	1-100	101-200	201-500
EVE LF100LA	100Ah	3.2V	0.35Ω	5000	160*118*50	2.1Kg	China	\$31	\$30	\$29
EVE LF105	105Ah	3.2V	0.35Ω	5000	200*130*36	1.98Kg	EU/USA/ZA	\$31	\$30	\$29
EVE LF230	230Ah	3.2V	0.18Ω	4000	202*172*53	4.1Kg	EU/USA/ZA	\$63	\$62	\$61
EVE LF280K	280Ah	3.2V	0.18Ω	8000	202*172*72	5.5Kg	EU/USA/ZA	\$65	\$64	\$63
EVE LF304	304Ah	3.2V	0.18Ω	4000	202*172*72	5.5Kg	EU/USA/ZA	\$70	\$69	\$67
EVE MB30	306Ah	3.2V	0.18Ω	10000	202*172*72	5.6Kg	China	\$69	\$68	\$66
EVE MB31	314Ah	3.2V	0.18Ω	8000	202*172*72	5.6Kg	China	\$70	\$69	\$67
REPT 280	280Ah	3.2V	0.25Ω	6000	202*172*72	5.45Kg	EU/USA/China	\$50	\$49	\$48
CATL 280	280Ah	3.2V	0.25Ω	6000	202*172*72	5.5Kg	USA/China	\$62	\$61	\$59
CATL 302	302Ah	3.2V	0.25Ω	4000	202*172*72	5.6Kg	USA/China	\$65	\$64	\$62
CATL 314	314Ah	3.2V	0.25Ω	7000	202*172*72	5.6Kg	China	\$72	\$71	\$70

Packing and shipping



Ship from	Logistics type	Delivery time
China warehouse	DDP by sea	30-40 working days
EU warehouse	DPD express	2-5 working days
USA warehouse	UPS/Fedex	2-5 working days
South Africa warehouse	JNB(ZA)	2-5 working days
DDP: The shipping cost and all import cost for destination are included in the price and you do not have to worry about anything.		

Inverter communication

 **PYLONTECH**



LIVOLTEK



 **SMK SOLAR**
斯曼科新能源



SOROTEC
Power Solutions Expert



LUXPOWER^{TEK}



EASUN
POWER

阳光电源
SUNGROW



Afore



Sacolar



Bentterson

SOFAR
SOLAR
首航新能源

Deye 德業[®]

MUST[®]

Deye 德業[®]



Growatt
powering tomorrow



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Techfine